

[illegible]

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[illegible]

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FIG. 3

AMINO-ACID SEQUENCE OF THE HUMAN B3-ADRENERGIC RECEPTOR GENE

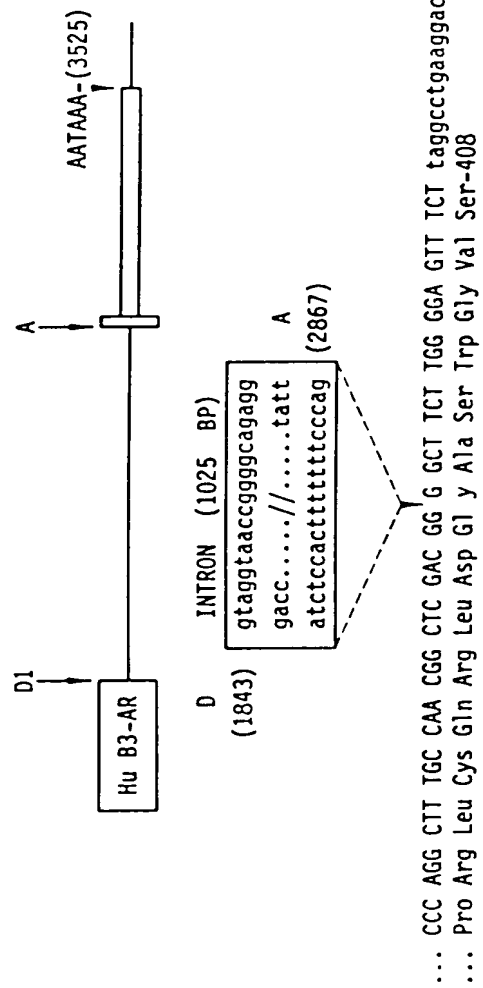
10	20	30	40	50	60	70	80
MAPWPHENSS	LAPWDLPTL	APNTANTSGL	PGVPWEAALA	GALLALAVLA	TVGGNLLVIV	AIAWTPRLQT	MTNVFVTSLA
90	100	110	120	130	140	150	160
AADLVMGLLV	VPPAATLALT	GHWPLGATGC	ELWTSVDVLC	VTASIELTCA	LAVDRYLAVT	NPLRYGALVT	KRCARTAVVL
170	180	190	200	210	220	230	240
VWVVSAAVSF	APIMSQWWRV	GADAEAQRCH	SNPRCCAFAS	NMPYVLLSSS	VSFYLPLLVM	LFVYARVFVV	ATRQLRLLRG
250	260	270	280	290	300	310	320
ELGRFPPEES	PPAPSRSLAP	APVGTCAPPE	GVPACGRRPA	RLPLPREHRA	LCTGLIMGT	FTLCWLPFFL	ANVLRALGGP
330	340	350	360	370	380	390	400
SLVPGPAFLA	LNWLGYANSA	FNPLIYCRSP	DFRSAFRRL	CRCGRRLPPE	PCAAARPALF	PSGVPAARSS	PAQPRLCQRL
DGASWGVS							

FIG. 4

AMINO-ACID SEQUENCE OF THE MOUSE B3-ADRENERGIC RECEPTOR GENE

10	20	30	40	50	60	70	80
MAPWPHRNGS	LALWSDAPTL	DPSAANTSGL	PGVPWAAALA	GALLALATVG	GNLLVIIAIA	RTPRLQITN	VFVTSLAAAD
90	100	110	120	130	140	150	160
LVVGLLMPP	GATLALTGHW	PLGETGCELW	TSVDVLCVTA	SIETLCALAV	DRYLAVTNPL	RYGTLVTKRR	ARAAVVLVWI
170	180	190	200	210	220	230	240
VSAAVSFAP	MSQWVRVGAD	AEAEQCHSNP	RCCSFASNMP	YALLSSSVSF	YLPLLVMLFV	YARVFVAKR	QRHLLRRELG
250	260	270	280	290	300	310	320
RFSPEESPPS	PSRSPSPATG	GTPAAPDGVP	PCGRRPARLL	PLREHRLRT	LGLIMGIFSL	CWLPFFLANV	LRALAGPSLV
330	340	350	360	370	380	390	400
PSGVFIALNW	LGYANSFNP	VIYCRSPDFR	DAFRRLCSY	GGRGPEEPRA	VTFPASPVFA	RQSPPLNRFD	GYEGARPFPT

FIG. 5A



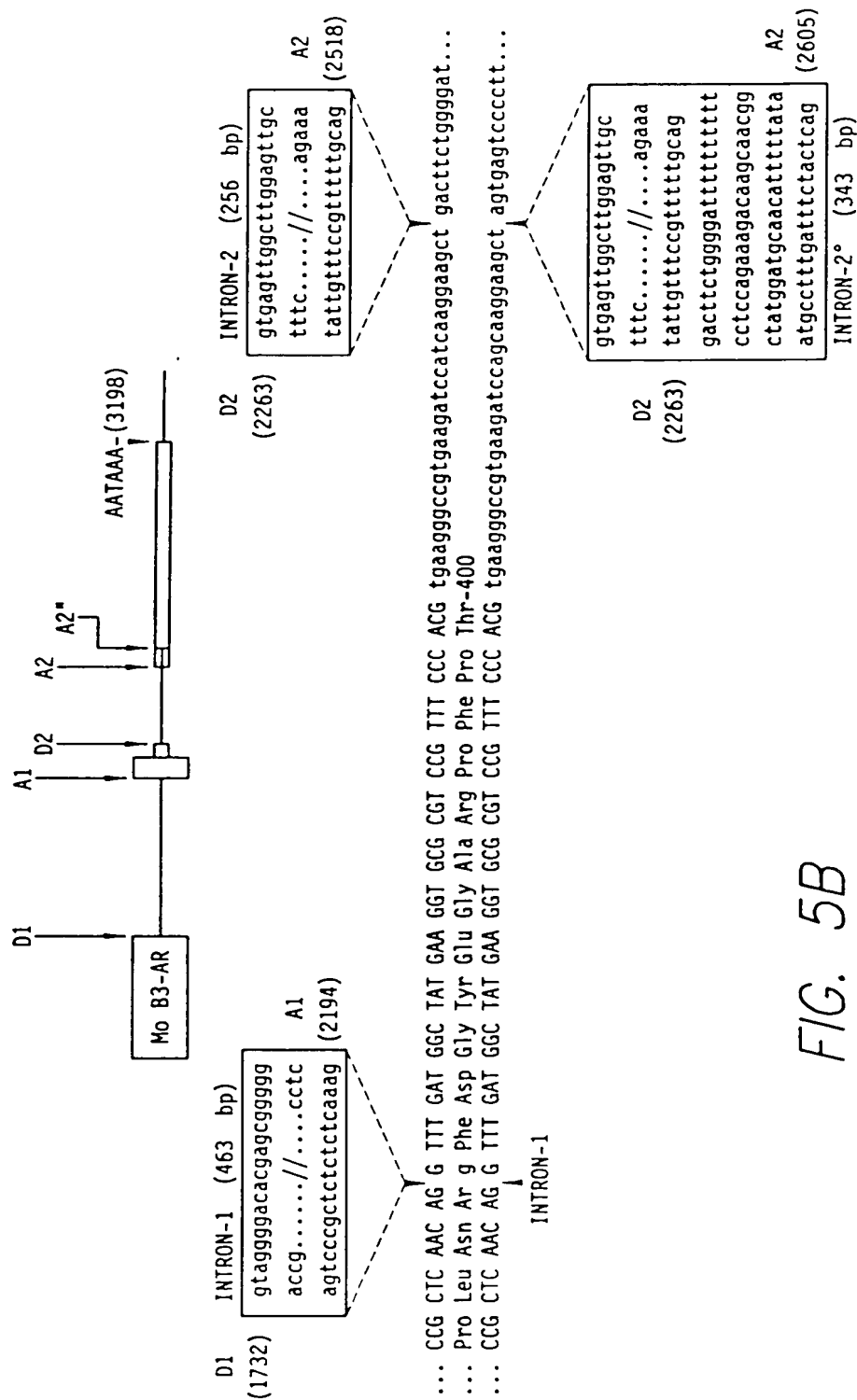


FIG. 5B